

Newsletter Autumn 2016



The sharpened interest for Brødbæk & Co.'s flexible high-capacity Added Value solutions continues unabated on the British Isles – meanwhile a couple of installations have been ordered from continental customers. Above: snapshot from MR Garden Stelmet, Poland – stacking of fencing slats.

33rd edition
15th year



NEWSLETTER

Vonge, autumn 2016

Autumn is upon us – welcome to Brødbæk & Co. ´s latest Newsletter.

The high demand during recent years for Brødbæk & Co.´s flexible and all-round solutions within re-sawing and Added Value product production lines goes on, mainly on the British Isles, however, the interest from continental customers is intensified lately.

Among the headlines of this issue we have 2 articles on initial deliveries of Brødbæk installations for 2 of our new customers:

- At MR Garden Stelmet SA, Poland the line including de-stacking, trimming, re-sawing of fencing products, stacking and strapping of packs is now running production - p. 4 for more info
- Upgrading of an edging line has been completed at Holzindustrie Gustav Hassel GmbH, Germany - read p. 5
- James Jones & Sons Ltd., Scotland have ordered two large high-capacity lines for de-stacking, re-sawing, incising, bundling, crosscutting, stacking, strapping of ¼, ½ and full packs - p. 6
- Commissioning of a large box-sorting, crosscutting & stacking facility has been completed and handed over to Teifi Timber Products Ltd., Wales - p. 8 for more info
- Commissioning of a large installation comprising a high-speed planing system is ongoing at DTE A/S, Denmark - more p. 10
- News in brief – delivery of a crosscut & stacking line at James Davies Ltd., Wales, and from Pontrilas Timber, England, who ordered yet another StickApp unit for re-sizing of pallet boards or cut them into sticks – p. 12.
- 2 new films from Brødbæk & Co. - p. 13.

Enjoy your reading!

MR GARDEN STELMET SA, POLAND

Brødbæk & Co. were given the opportunity to increase our customer base in Poland. MR Garden Stelmet SA. is located in Grudziadz, close to Gdansk.

As a part of their expansive investments in a new sawmill, Stelmet SA last winter ordered a production line for battens & slats for fencing products.

The installation is now running production in 3 shifts – we give you a short presentation:

The line operations are:

- De-stacking of packs coming from the main line
- Trim saw for incoming un-edged cants
- Horizontal band saw for splitting the blocks into 2, after that they are positioned identically
- Group of 10 horizontal band saws, converting the cants into 5 mm fence slats
- Special stacking line for sawn billets into pairs
- Automatic insertion of bearers below and above the pack (cf. photo)
- Strapping of packs with the bearers on top and under the pack to avoid the bundles of slats being damaged.

Also, our sister company Aagaard A/S delivered the complete extraction system for the entire new sawmill.

The line is prepared for an expansion in capacity for an additional group of 10 band saws; with this line Stelmet SA has

Stelmet SA, founded in 1985, is one of the major European producers of fencing products and other garden products.

The company converts solely FSC-certified timber, 98% of the production is exported all over Europe.

Stelmet SA has considerable ongoing investments in new up-to-date technologies.

provided a very interesting & special installation.

We are working on a presentation video, No. 62 - read p. 13 conc. request for videos.



Bundles of 10 slats on Stelmet's special stacking machine.

HOLZINDUSTRIE GUSTAV HASSEL GMBH, GERMANY

The third and last article of our new customers is about Holz-Industrie Gustav Hassel GmbH, whose saw & planing facility is located in Stockum-Püschchen, council Rheinland-Pfalz.

The company found the need to increase their production capacity, and during their summer break we delivered and commissioned an upgrade of their existing edging line (sit down type), with remote control operation from the operator cabin.

The project comprises:

- New scanner-conveyor with Microtec Wanescan C6000 scanner - cameras above and below the products. Pressure rollers for length positioning of products after scanning
- New trim saw – 14 blades. The 0-line & the 6,0 m blades are fixed, the remaining 12 are pivoting in or out of

Holzindustrie Gustav Hassel GmbH, founded in 1898, is managed by 5th generation of the Hassel family.

Products are mainly construction timber, planed products and packaging timber.

cut

- Edger infeed incl. automatic centering and 12 sets of centering arms
- Outfeed conveyor with roller table separation, a 7 m self-supporting construction to allow the waste to drop.



The edging line at Holzindustrie Has-sel has been upgraded

-oOo-

The previous articles reported 2 of our new customers, overleaf we report on projects for 3 of our long-standing customers:

JAMES JONES & SONS LTD., SCOTLAND

Our cooperation together spans over more than 20 years; over these years we have supplied a number of solutions at their sites in Mosstodloch, Lockerbie & Aboyne, of which the most interesting is probably our delivery in 2002 of a resaw-line with bundling and stacking for Lockerbie.

James Jones & Sons Ltd. continues their progress, and early in 2016 we developed in common a large project for Added Value, including packaging of handy bundles for craftsmen.

This summer our efforts were crowned with an agreement: Brødbæk & Co. will deliver 2 comprehensive solutions for the new site in Lockerbie.

Overall, line A will be a resaw-line incl. horizontal band saws, bundling, stacking and pack handling system

Line B will be considerably larger and will comprise vertical band saws, incising, bundling, crosscutting, stacking and a comprehensive pack handling system.

Line A – in brief:

- De- stacking system
- Crosscutting of blocks, to length
- Group of 5 horizontal band saws
- 2 high-capacity stacking lines with bundling and strapping of bundles
- Automated pack handling with strapping of $\frac{1}{4}$ packs, formation of $\frac{1}{2}$ -packs, insertion of bearers, and collation of $\frac{1}{2}$ -packs, to full packs, insertion of bearers and strapping of bearers to the pack.

Line B – in brief:

- Double in feed facility, tilt hoist and stick collection. Vertical band saw and Inciser
- Two layer crosscut & stacking lines with incoming bundles of products prior to cutting
- An additional pack handling line, similar to line A

Delivery of this significant project will start January 2017, the installation will be ongoing till May, commissioning ongoing until next summer.

James Jones & Sons Ltd., family owned through 5 generations, is the major independent sawmill company in Scotland, allocated in their 5 sawmills in Great Britain.

1.000.000 tons of logs are converted on a yearly basis. The all-round product range comprises from construction timber, through packaging timber to fencing products and so on.

James Jones is leading within the environmental area and was the first company in UK to obtain the ISO 14001 Environmental Certification for both deforestation and sawmill management.



James Jones & Sons Ltd.
Above: The existing ¼ pack stacking
Below: 1 of 4 stackers for the new
order is beginning to take shape in
our workshop



TEIFI TIMBER PRODUCTS LTD., WALES

In our previous Newsletter we reported on a large project at one of our regular customers for many years, Teifi Timber Products Ltd. in Wales.

This is an effective solution with sorting, crosscutting and stacking of converted timber – for main and side products. The commissioning and handing over of the project is now complete – the photos will give you an impression of the installation, which in our opinion, in the new build-

ing looks fantastic!

The Teifi facility includes:

- Separate split level in feeds from the main line & edging line
- Measurement of products (Imperial & Decimal), i.e. length measuring with 2 cm increments over 1.8 m long
- Box sorting line including 50 hydraulic sinking pockets for gentle handling of timber
- Stacking line with multi head crosscut saw for single or multiple boards
- De-stacking line with tilt hoist incorporated after the sorting line
- Waste handling system including scraper conveyor below the whole sorting line



Above: a view of the large sorting line at Teifi Timber
Below: entry to the crosscut- & stacking line



The facility is "future-proofed", at a later date upgrades and additional systems can be added:

- 3D-scanning of products with flexible fair ending and trimming prior to the box sorting line
- Additional systems for further re-sawing and Post Pointing prior to stacking or the like can be added at a later date.

Gerwyn Thomas, Managing Director at Teifi Timber Products Ltd. about the project: "We have been considering this project for 5 years. Now that we have the sorting capacity and the line is running well, we look

forward to the next steps, which will be an upgrade to the saw line, and to install a new edging line.”

Please request our video No. 61 - p. 13 for more info.

DTE A/S, DENMARK

Our valued customer on the domestic market is Dansk Træemballage A/S, DTE. Over the past 20 years we have co-operated on at least 15 projects for all the DTE locations.

Because of space constraints we will not report on all the projects, but worth mentioning are the delivery of a log sorting line in 1996, and in 2003 a sawmill line with “merry-go-round”, edging, tray sorting and layer crosscut & stacking lines for both main and side products.

In connection with the installation of a high-capacity planing line for packaging boards our recent cooperation lead to a concept comprising of an in feed for the high speed planing line, scanning, sorting, and layer crosscutting & stacking lines.

The project was started last winter – about the project in brief:

- 12 m in feed conveyor with space for 5 double height packs
- Tilt-hoist de-stacker equipped with extra lifting arms for fast pack shift
- System for board sorting during length conveying at 400 m/min.
- Layer formation with 2 fair ends, giving double capacity
- Layer crosscut saw with 7 saw-units and double fair end
- Stacking machine with 2 fair ends and 12 stick magazines

Dansk Træemballage A/S, DTE, originates from back in 1581 in Ribe Stampemølle.

350 employees allocated in their 5 production stations, who on a yearly basis convert more than 350.000 m³ EMAS-, FSC- and PEFC-certified logs.

The all-round packaging product range comprises: standard pallets, boxes and a wide range of special packaging products.

- Pack handling line including robot for laying sticks. Stacking onto pallets, pack turner for 180° rotation, i.e. standing on a pallet, and a strapping system.

The installation has been completed and commissioning of the installation is ongoing.

While preparing the machinery, DTE A/S decided to implement an additional layer crosscut & stacking line in – parallel to the above mentioned line. Delivery, installation and commissioning is scheduled to be ongoing until the end of February 2017.



Installation of the layer crosscut & stacking line No. 1 at DTE A/S

NEWS IN BRIEF

To James Davies Ltd., Wales, originally we were to deliver machinery for a multi head crosscut saw for single and multiple board cutting, a stacking machine with stick magazines, and roller conveyors for the finished packs.

While the production of the crosscut & stacking line was ongoing, we entered into an agreement for a sorting line, the project has been extended considerably.

In addition, we are preparing the completion and delivery of a sorting line including 28 hydraulic sinking pockets, which will be integrated prior to the stacking line. The installation will now



Installation of the box sorting line at James Davies Ltd.

handle all core and side boards automatically; James Davies Ltd. is now well prepared for the future.

Pontrilas Timber Ltd., England have run a Stick-App Plus for a number of years. They have now ordered their 2nd unit. It is used to re-size pallet boards or converting boards into sticks.



Pontrilas' initial StickApp Plus

New Regional Sales Manager in France

Introduction of our new Sales Manager, Jean DEVIEILLETOILE:

"I joined MEM's engineering and design department in June 1988.

After the turn of the millennium, I was commercial on the domestic market until 2003, and then, I joined the MEM's Export Department.

In 2008, I was appointed Sales Director, a job, which I performed until January 2016. In June 2016 I established XYLO Services, a society, which offers consulting & engineering services within the timber processing industry.

Upon the dialogue with the OBEL-P Group of companies (among them Brødbæk & Co.), whom I've known for several years in my capacity as competitor, I've discovered that the society is well structured and its staff has lots of experience.



I'm looking forward to our future cooperation and meeting with customers".

New person in charge of spare parts department

Joel Golan has been a member of staff since 1998, at the beginning as a fitter, later on as a foreman's assistant and mechanical Site Manager. As Joel has managed our line installations in a lot of our markets, from Russia to South Africa, he possesses an in-depth knowledge of Brødbæk & Co.'s machinery & equipment, and at the same time he is a familiar face to a lot of our customers.



We do hope that you will all give Joel a good reception and wish him well in his new appointment.

Contacts:

For mechanical parts : Joel Golan ✉: jg@brodbaek.dk

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Christmas holidays

At Brødbæk & Co. A/S our office will be closed for holidays from 23 December to 2 January 2017, inclusive.

If you have scheduled maintenance of your machinery/equipment during the holiday shutdown, please do not delay to order your spare parts.

BRØDBÆK & CO. FILMS

We have completed two current presentation videos featuring our new installations, a third is in the making at the time of writing. Enclosed, please find our updated film list.

New films are:

No. 60 - Heinzmann GmbH, Germany.

Compact, efficient and one-man operated line for measuring, flexible fair ending, trimming, sorting and stacking of boards/ timber with 3 stacking machines, and strapping of full packs

No. 61 - Teifi Timber Products Ltd., Wales.

A large installation with feeding from the main saw line & edging line, measurement (Imperial & EU-dimensions), box sorting line including 50 hydraulic sinking pockets, multi head crosscut & stacking line, de-stacking with tilt hoist incorporated after the sorting line, waste handling system including scraper conveyor below the entire sorting line

No. 62 - MR Garden Stelmet SA, Poland.

Line for de-stacking, trimming, re-sawing of slats, stacking, bearer insertion and strapping of packs. Do not hesitate to order now – delivery later this year.

Please use the list to order your CD's free of charge – just fill in the list and fax or e-mail it to:

Fax: + 45 75 80 35 81 or

✉: sales@brodbaek.dk

If you prefer the download-solution online through WeTransfer, please let us know – it's easy and quick.

It may be early, but...

We send our readers our best wishes for
a Merry Christmas and a happy and prosperous New Year.

Our best regards,

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